



California State Fire Marshal  
National Fire Incident Reporting System

Data as of: 01/28/2008

FDID Range:  
0 to No Upper Bound

Incident Date Range:  
01/01/2003 to 12/31/2007

Incident Type:  
111 to 123

Detector Type:  
0 to No Upper Bound

Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2003									
	Combination smoke - heat								
		Battery Only	23	\$196,600	\$48,350	0	0	0	0
		Hardwire Only	69	\$409,810	\$697,861	2	0	0	0
		Hardwire with battery	49	\$627,063	\$197,265	3	0	1	0
		Multiple detectors and power supplies	11	\$551,000	\$183,600	1	0	1	0
		Other	2	\$15,000	\$10,000	0	0	1	0
		Plug in with battery	1	\$0	\$0	0	0	0	0
		Unknown	7	\$500	\$0	0	0	0	0
		<b>Subtotal</b>	<b>162</b>	<b>\$1,799,973</b>	<b>\$1,137,076</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>0</b>
	Heat								
		Battery Only	4	\$12,200	\$1,300	0	0	0	0
		Hardwire Only	21	\$246,905	\$448,655	0	0	0	0
		Hardwire with battery	4	\$150,100	\$120,100	0	0	0	0
		Mechanical	1	\$1,000	\$5,000	0	0	0	0
		Plug in with battery	1	\$7,500	\$300	0	0	0	0
		Unknown	3	\$0	\$0	0	0	0	0
		<b>Subtotal</b>	<b>34</b>	<b>\$417,705</b>	<b>\$575,355</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	More than 1 type present								
		Battery Only	3	\$30,100	\$22,034	0	0	0	0
		Hardwire Only	15	\$123,400	\$89,000	0	0	0	0
		Hardwire with battery	15	\$116,500	\$104,100	1	0	0	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Multiple detectors and power supplies	22	\$164,500	\$15,645	0	0	0	0
		Unknown	6	\$3,000	\$100	3	0	0	0
		<b>Subtotal</b>	<b>61</b>	<b>\$437,500</b>	<b>\$230,879</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Other</b>								
		Battery Only	10	\$118,500	\$51,512	1	0	1	0
		Hardwire Only	7	\$55,005	\$45,000	1	0	0	0
		Hardwire with battery	3	\$61,500	\$20,500	0	0	0	0
		Multiple detectors and power supplies	1	\$0	\$0	0	0	0	0
		Other	7	\$2,000	\$1,000	0	0	0	0
		Plug in	2	\$1,000	\$1,000	0	0	1	0
		Plug in with battery	1	\$0	\$0	0	0	0	0
		Unknown	11	\$106,000	\$55,000	0	0	0	0
		<b>Subtotal</b>	<b>42</b>	<b>\$344,005</b>	<b>\$174,012</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>
	<b>Smoke</b>								
		Battery Only	1,214	\$23,494,237	\$9,099,774	21	0	53	11
		Hardwire Only	313	\$5,129,362	\$1,338,491	6	0	9	0
		Hardwire with battery	332	\$5,880,470	\$1,837,256	6	0	18	0
		Multiple detectors and power supplies	32	\$1,600,285	\$355,250	2	0	0	2
		Other	5	\$10	\$0	0	0	0	0
		Plug in	3	\$1,000	\$100	0	0	0	0
		Plug in with battery	28	\$615,300	\$61,100	0	0	3	1
		Unknown	166	\$1,877,629	\$462,934	2	0	4	3
		<b>Subtotal</b>	<b>2,093</b>	<b>\$38,598,293</b>	<b>\$13,154,905</b>	<b>37</b>	<b>0</b>	<b>87</b>	<b>17</b>
	<b>Sprinkler, water flow detection</b>								
		Hardwire Only	33	\$1,307,300	\$5,417,170	6	0	0	0
		Hardwire with battery	20	\$152,500	\$47,350	0	0	0	0
		Mechanical	6	\$1,000	\$15,000	0	0	0	0
		Multiple detectors and power supplies	9	\$24,000	\$16,500	0	0	0	0
		Plug in with battery	2	\$10,000	\$10,000	0	0	0	0
		Unknown	16	\$3,238,400	\$3,330,050	0	0	2	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
Subtotal			86	\$4,733,200	\$8,836,070	6	0	2	0
Undetermined									
	Battery Only		34	\$770,240	\$204,900	2	0	4	3
	Hardwire Only		20	\$195,500	\$60,400	1	0	1	0
	Hardwire with battery		17	\$678,500	\$242,000	1	0	0	0
	Multiple detectors and power supplies		3	\$0	\$0	0	0	0	0
	Other		1	\$7,500	\$8,000	0	0	0	0
	Plug in		1	\$550	\$0	0	0	0	0
	Plug in with battery		1	\$0	\$0	0	0	0	0
	Unknown		570	\$11,050,227	\$2,444,173	10	0	17	1
Subtotal			647	\$12,702,517	\$2,959,473	14	0	22	4
2003	Total		3,125	\$59,033,193	\$27,067,770	69	0	116	21
2004									
Combination smoke - heat									
	Battery Only		22	\$638,400	\$200,925	0	0	0	0
	Hardwire Only		52	\$1,155,105	\$454,100	0	0	2	0
	Hardwire with battery		51	\$1,310,720	\$251,560	0	0	0	0
	Mechanical		1	\$0	\$0	0	0	0	0
	Multiple detectors and power supplies		12	\$8,400	\$51,500	0	0	0	0
	Other		1	\$210,000	\$50,000	0	0	0	0
	Unknown		9	\$140,300	\$83,600	0	0	0	0
Subtotal			148	\$3,462,925	\$1,091,685	0	0	2	0
Heat									
	Battery Only		4	\$89,000	\$10,500	0	0	0	0
	Hardwire Only		42	\$860,301	\$768,697	0	0	1	0
	Hardwire with battery		6	\$201,500	\$78,550	0	0	0	0
	Mechanical		3	\$96,000	\$25,000	0	0	0	0
	Multiple detectors and power supplies		1	\$0	\$0	0	0	0	0
	Other		2	\$3,000	\$3,000	0	0	0	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Unknown	6	\$1,282,000	\$187,000	0	0	0	0
		<b>Subtotal</b>	<b>64</b>	<b>\$2,531,801</b>	<b>\$1,072,747</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>More than 1 type present</b>								
		Hardwire Only	25	\$268,600	\$114,870	0	0	0	0
		Hardwire with battery	24	\$240,100	\$60,400	0	0	1	0
		Multiple detectors and power supplies	29	\$10,747,650	\$25,135,450	0	0	1	0
		Plug in	1	\$0	\$10,000	0	0	0	0
		Plug in with battery	1	\$0	\$0	0	0	0	0
		Unknown	14	\$250,500	\$112,000	1	0	2	0
		<b>Subtotal</b>	<b>94</b>	<b>\$11,506,850</b>	<b>\$25,432,720</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>
	<b>Other</b>								
		Battery Only	5	\$160,000	\$57,000	0	0	0	0
		Hardwire Only	4	\$80,000	\$40,500	0	0	0	0
		Hardwire with battery	5	\$79,600	\$26,500	0	0	0	0
		Other	7	\$9,500	\$800	0	0	0	0
		Plug in with battery	1	\$0	\$0	0	0	0	0
		Unknown	10	\$153,100	\$100,300	0	0	0	0
		<b>Subtotal</b>	<b>32</b>	<b>\$482,200</b>	<b>\$225,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Smoke</b>								
		Battery Only	1,690	\$34,289,116	\$11,629,866	21	0	68	10
		Hardwire Only	481	\$12,945,209	\$5,661,022	10	0	21	5
		Hardwire with battery	550	\$9,533,714	\$3,494,194	11	0	35	1
		Mechanical	2	\$0	\$0	0	0	0	0
		Multiple detectors and power supplies	41	\$1,217,200	\$531,110	1	0	1	0
		Other	5	\$235,000	\$416,000	0	0	0	0
		Plug in	5	\$20,600	\$500	0	0	0	0
		Plug in with battery	29	\$389,810	\$185,600	0	0	0	0
		Unknown	302	\$6,126,550	\$1,526,106	1	0	16	1
		<b>Subtotal</b>	<b>3,105</b>	<b>\$64,757,199</b>	<b>\$23,444,398</b>	<b>44</b>	<b>0</b>	<b>141</b>	<b>17</b>
	<b>Sprinkler, water flow detection</b>								

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Hardwire Only	34	\$1,487,100	\$598,701	1	0	1	0
		Hardwire with battery	20	\$55,950	\$68,000	0	0	1	0
		Mechanical	17	\$59,000	\$142,000	0	0	0	0
		Multiple detectors and power supplies	18	\$2,171,900	\$292,000	0	0	0	0
		Other	4	\$0	\$100,000	0	0	0	0
		Plug in	1	\$5,000	\$100,000	0	0	0	0
		Plug in with battery	2	\$150,000	\$200,000	0	0	0	0
		Unknown	15	\$260,600	\$467,000	0	0	0	0
		<b>Subtotal</b>	<b>111</b>	<b>\$4,189,550</b>	<b>\$1,967,701</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>
	<b>Undetermined</b>								
		Battery Only	57	\$1,904,300	\$730,425	0	0	10	0
		Hardwire Only	30	\$1,188,600	\$502,361	0	0	2	0
		Hardwire with battery	17	\$511,100	\$317,150	0	0	0	0
		Mechanical	1	\$2,000	\$500	0	0	0	0
		Multiple detectors and power supplies	3	\$12,500	\$2,300	0	0	0	0
		Other	3	\$11,010	\$1,000	0	0	0	0
		Plug in with battery	1	\$500	\$0	0	0	0	0
		Unknown	563	\$16,408,370	\$4,992,280	7	0	13	1
		<b>Subtotal</b>	<b>675</b>	<b>\$20,038,380</b>	<b>\$6,546,016</b>	<b>7</b>	<b>0</b>	<b>25</b>	<b>1</b>
<b>2004</b>	<b>Total</b>		<b>4,229</b>	<b>\$106,968,905</b>	<b>\$59,780,367</b>	<b>53</b>	<b>0</b>	<b>175</b>	<b>18</b>
<b>2005</b>									
	<b>Combination smoke - heat</b>								
		Battery Only	34	\$7,547,800	\$212,301	0	0	1	0
		Hardwire Only	72	\$964,832	\$995,700	5	0	3	0
		Hardwire with battery	83	\$1,476,810	\$557,046	0	0	0	0
		Multiple detectors and power supplies	13	\$127,000	\$21,700	0	0	0	0
		Other	3	\$3,000	\$2,000	0	0	0	0
		Plug in	1	\$0	\$100	0	0	0	0
		Plug in with battery	2	\$15,000	\$2,500	0	0	0	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Unknown	20	\$126,071	\$44,135	0	0	0	0
		<b>Subtotal</b>	<b>228</b>	<b>\$10,260,513</b>	<b>\$1,835,482</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>0</b>
	<b>Heat</b>								
		Battery Only	6	\$22,000	\$25,000	0	0	0	0
		Hardwire Only	40	\$922,000	\$1,013,700	0	0	0	0
		Hardwire with battery	19	\$424,600	\$192,750	0	0	1	0
		Mechanical	2	\$25	\$2,500	0	0	0	0
		Multiple detectors and power supplies	2	\$5,000	\$0	0	0	0	0
		Other	1	\$0	\$0	0	0	0	0
		Plug in	3	\$0	\$0	0	0	0	0
		Plug in with battery	1	\$0	\$1,000	0	0	0	0
		Unknown	5	\$210,600	\$25,200	0	0	0	0
		<b>Subtotal</b>	<b>79</b>	<b>\$1,584,225</b>	<b>\$1,260,150</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>More than 1 type present</b>								
		Battery Only	1	\$5,000	\$3,500	0	0	0	0
		Hardwire Only	29	\$317,550	\$3,195,935	0	0	0	0
		Hardwire with battery	38	\$86,650	\$136,500	0	0	0	0
		Mechanical	3	\$5,000	\$6,000	0	0	0	0
		Multiple detectors and power supplies	34	\$589,300	\$29,455	0	0	2	0
		Other	2	\$40,000	\$25,000	0	0	0	0
		Plug in	1	\$0	\$0	0	0	0	0
		Unknown	25	\$267,510	\$177,755	2	0	0	0
		<b>Subtotal</b>	<b>133</b>	<b>\$1,311,010</b>	<b>\$3,574,145</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>
	<b>Other</b>								
		Battery Only	11	\$41,000	\$16,700	0	0	0	1
		Hardwire Only	13	\$862,500	\$1,168,500	0	0	0	0
		Hardwire with battery	7	\$305,500	\$123,000	0	0	1	0
		Mechanical	1	\$0	\$0	0	0	0	0
		Multiple detectors and power supplies	1	\$0	\$0	0	0	0	0
		Other	3	\$201,000	\$50,200	0	0	0	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Unknown	7	\$780,900	\$210,101	0	0	0	0
		<b>Subtotal</b>	<b>43</b>	<b>\$2,190,900</b>	<b>\$1,568,501</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
	<b>Smoke</b>								
		Battery Only	1,946	\$50,192,173	\$15,830,718	35	0	88	8
		Hardwire Only	722	\$15,698,495	\$5,954,971	8	0	39	5
		Hardwire with battery	741	\$20,043,047	\$5,869,280	12	0	40	3
		Mechanical	1	\$0	\$0	0	0	0	0
		Multiple detectors and power supplies	46	\$1,872,682	\$417,301	0	0	3	2
		Other	20	\$424,000	\$128,400	0	0	1	1
		Plug in	11	\$140,900	\$69,300	0	0	0	0
		Plug in with battery	31	\$451,300	\$216,661	0	0	1	0
		Unknown	432	\$25,313,685	\$10,475,123	7	0	30	1
		<b>Subtotal</b>	<b>3,950</b>	<b>\$114,136,282</b>	<b>\$38,961,754</b>	<b>62</b>	<b>0</b>	<b>202</b>	<b>20</b>
	<b>Sprinkler, water flow detection</b>								
		Battery Only	2	\$100,500	\$25,500	0	0	0	0
		Hardwire Only	61	\$297,700	\$278,795	2	0	6	0
		Hardwire with battery	34	\$599,750	\$1,076,851	0	0	1	0
		Mechanical	25	\$540,000	\$222,250	1	0	0	0
		Multiple detectors and power supplies	18	\$509,600	\$6,303,000	0	0	0	0
		Other	4	\$24,000	\$20,100	0	0	0	0
		Unknown	34	\$375,601	\$6,349,230	2	0	1	0
		<b>Subtotal</b>	<b>178</b>	<b>\$2,447,151</b>	<b>\$14,275,726</b>	<b>5</b>	<b>0</b>	<b>8</b>	<b>0</b>
	<b>Undetermined</b>								
		Battery Only	45	\$2,023,010	\$411,250	1	0	2	1
		Hardwire Only	50	\$488,850	\$630,670	2	0	8	1
		Hardwire with battery	34	\$314,250	\$152,525	0	0	1	0
		Mechanical	1	\$1,000	\$0	0	0	0	0
		Multiple detectors and power supplies	8	\$631,200	\$111,050	0	0	0	0
		Other	6	\$17,500	\$12,100	0	0	0	0
		Plug in with battery	3	\$85,250	\$35,000	0	0	1	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>		<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2005		Unknown		506	\$19,897,768	\$9,951,432	5	0	29	2
			Subtotal	653	\$23,458,828	\$11,304,027	8	0	41	4
			Total	5,264	\$155,388,909	\$72,779,785	82	0	259	25
	2006									
	Combination smoke - heat									
	Battery Only			18	\$1,414,200	\$420,000	0	0	1	0
	Hardwire Only			69	\$1,210,450	\$597,500	0	0	3	1
	Hardwire with battery			96	\$1,852,580	\$695,881	0	0	3	0
	Multiple detectors and power supplies			12	\$764,500	\$412,100	0	0	0	0
	Plug in			1	\$0	\$0	0	0	0	0
Plug in with battery			5	\$125,000	\$37,500	0	0	1	0	
Unknown			16	\$328,501	\$93,503	0	0	0	0	
			Subtotal	217	\$5,695,231	\$2,256,484	0	0	8	1
Heat										
	Battery Only			7	\$15,600	\$16,701	0	0	0	0
	Hardwire Only			28	\$1,258,025	\$314,870	1	0	0	0
	Hardwire with battery			10	\$180,500	\$23,350	0	0	0	0
	Mechanical			3	\$115,500	\$25,000	0	0	0	2
	Multiple detectors and power supplies			2	\$2,000	\$0	0	0	0	0
	Other			3	\$30,350	\$5,100	0	0	0	0
	Unknown			7	\$160,500	\$41,500	0	0	0	0
			Subtotal	60	\$1,762,475	\$426,521	1	0	0	2
More than 1 type present										
	Battery Only			3	\$11,000	\$2,450	0	0	0	0
	Hardwire Only			42	\$117,650	\$151,206	0	0	0	0
	Hardwire with battery			34	\$942,520	\$317,860	0	0	0	0
	Mechanical			1	\$5,000	\$5,000	0	0	0	0
	Multiple detectors and power supplies			38	\$1,132,700	\$2,530,304	0	0	0	0
	Other			1	\$0	\$0	0	0	0	0



## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Unknown	18	\$953,851	\$542,801	0	0	0	0
		<b>Subtotal</b>	<b>137</b>	<b>\$3,162,721</b>	<b>\$3,549,621</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Other</b>								
		Battery Only	7	\$30,800	\$11,000	0	0	0	0
		Hardwire Only	16	\$311,390	\$70,125	0	0	0	0
		Hardwire with battery	9	\$176,310	\$93,010	0	0	0	0
		Other	2	\$20,000	\$5,000	0	0	1	0
		Plug in with battery	1	\$2,500	\$1,500	0	0	0	0
		Unknown	5	\$75,500	\$92,300	0	0	0	0
		<b>Subtotal</b>	<b>40</b>	<b>\$616,500</b>	<b>\$272,935</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>Smoke</b>								
		Battery Only	1,574	\$45,816,078	\$13,812,451	32	0	76	17
		Hardwire Only	585	\$14,006,173	\$5,994,559	10	0	35	1
		Hardwire with battery	678	\$18,740,772	\$5,704,897	11	0	33	3
		Mechanical	1	\$500	\$50	0	0	0	0
		Multiple detectors and power supplies	40	\$2,996,301	\$1,054,800	1	0	0	0
		Other	14	\$618,501	\$33,750	0	0	0	0
		Plug in	6	\$80,200	\$10,000	0	0	0	0
		Plug in with battery	30	\$2,105,900	\$329,260	0	0	0	0
		Unknown	383	\$13,812,007	\$4,377,428	20	0	20	1
		<b>Subtotal</b>	<b>3,311</b>	<b>\$98,176,432</b>	<b>\$31,317,195</b>	<b>74</b>	<b>0</b>	<b>164</b>	<b>22</b>
	<b>Sprinkler, water flow detection</b>								
		Hardwire Only	48	\$102,173,350	\$1,078,850	0	0	2	0
		Hardwire with battery	29	\$490,200	\$688,650	0	0	0	0
		Mechanical	22	\$228,000	\$41,700	0	0	0	0
		Multiple detectors and power supplies	20	\$361,200	\$356,600	0	0	0	0
		Other	3	\$5,000	\$200	0	0	0	0
		Plug in	1	\$100,000	\$20,000	0	0	0	0
		Plug in with battery	1	\$0	\$0	0	0	0	0
		Unknown	24	\$44,075	\$70,951	0	0	2	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
Subtotal			148	\$103,401,825	\$2,256,951	0	0	4	0
Undetermined									
	Battery Only		52	\$2,970,700	\$1,344,850	4	0	3	1
	Hardwire Only		40	\$579,851	\$200,850	2	0	4	3
	Hardwire with battery		32	\$795,132	\$404,520	1	0	4	2
	Multiple detectors and power supplies		6	\$75,100	\$60,000	0	0	0	0
	Other		5	\$50,700	\$13,000	0	0	1	0
	Plug in		1	\$0	\$25	0	0	0	0
	Plug in with battery		2	\$1,000	\$800	0	0	0	0
	Unknown		481	\$14,065,786	\$4,974,866	7	0	22	5
Subtotal			619	\$18,538,269	\$6,998,911	14	0	34	11
2006	Total		4,532	\$231,353,453	\$47,078,618	89	0	211	36
2007									
Combination smoke - heat									
	Battery Only		17	\$63,200	\$27,200	0	0	0	0
	Hardwire Only		53	\$1,040,920	\$484,591	0	0	1	0
	Hardwire with battery		85	\$1,358,874	\$594,440	0	0	2	0
	Mechanical		1	\$0	\$0	0	0	0	0
	Multiple detectors and power supplies		4	\$66,000	\$25,000	1	0	0	0
	Other		2	\$36,000	\$5,000	0	0	0	0
	Plug in with battery		6	\$752,100	\$65,550	0	0	0	0
	Unknown		12	\$102,325	\$100,476	0	0	0	0
Subtotal			180	\$3,419,419	\$1,302,257	1	0	3	0
Heat									
	Battery Only		4	\$350,000	\$145,000	0	0	0	0
	Hardwire Only		22	\$222,250	\$332,650	1	0	0	0
	Hardwire with battery		6	\$1,165,000	\$60,000	0	0	1	0
	Mechanical		1	\$300,000	\$100,000	0	0	0	0
	Multiple detectors and power supplies		2	\$500	\$1,000	0	0	0	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Other	1	\$0	\$0	0	0	0	0
		Plug in	1	\$0	\$0	0	0	0	0
		Plug in with battery	1	\$0	\$0	0	0	0	0
		Unknown	1	\$5,000	\$60,000	0	0	0	0
		<b>Subtotal</b>	<b>39</b>	<b>\$2,042,750</b>	<b>\$698,650</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>More than 1 type present</b>								
		Battery Only	2	\$25,000	\$7,000	0	0	0	0
		Hardwire Only	28	\$374,600	\$414,261	0	0	1	0
		Hardwire with battery	22	\$120,300	\$50,125	0	0	1	0
		Multiple detectors and power supplies	29	\$166,430	\$212,615	0	0	2	0
		Other	1	\$2,000	\$0	0	0	0	0
		Plug in	1	\$100	\$300	0	0	0	0
		Unknown	14	\$1,114,100	\$822,000	0	0	1	0
		<b>Subtotal</b>	<b>97</b>	<b>\$1,802,530</b>	<b>\$1,506,301</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>
	<b>Other</b>								
		Battery Only	12	\$352,350	\$35,350	0	0	1	0
		Hardwire Only	15	\$666,320	\$336,700	0	0	1	0
		Hardwire with battery	9	\$87,000	\$30,500	0	0	1	0
		Mechanical	1	\$0	\$0	0	0	0	0
		Other	3	\$1,050,000	\$550,000	0	0	0	0
		Unknown	8	\$51,100	\$21,000	0	0	0	0
		<b>Subtotal</b>	<b>48</b>	<b>\$2,206,770</b>	<b>\$973,550</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
	<b>Smoke</b>								
		Battery Only	1,272	\$37,394,491	\$11,058,222	12	0	36	9
		Hardwire Only	433	\$9,724,898	\$2,047,880	0	0	12	3
		Hardwire with battery	663	\$20,547,855	\$5,443,450	10	0	34	2
		Multiple detectors and power supplies	39	\$1,209,684	\$466,700	1	0	1	2
		Other	15	\$699,050	\$238,000	1	0	0	0
		Plug in	5	\$23,500	\$11,050	0	0	0	0
		Plug in with battery	32	\$523,900	\$95,300	0	0	1	0

## Type of Detection Systems and Power Supplies, 2003-2007

<u>Incident Year</u>	<u>Detector Type</u>	<u>Detector Power Supply</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Unknown	365	\$14,785,507	\$4,353,043	6	0	16	3
		<b>Subtotal</b>	<b>2,824</b>	<b>\$84,908,885</b>	<b>\$23,713,645</b>	<b>30</b>	<b>0</b>	<b>100</b>	<b>19</b>
	<b>Sprinkler, water flow detection</b>								
		Battery Only	1	\$200	\$200	0	0	0	0
		Hardwire Only	37	\$900,250	\$10,657,800	0	0	0	0
		Hardwire with battery	33	\$374,663	\$182,265	1	0	1	0
		Mechanical	17	\$161,450	\$2,134,150	0	0	0	0
		Multiple detectors and power supplies	14	\$239,545	\$309,800	0	0	0	0
		Other	4	\$10,600	\$11,500	0	0	0	0
		Plug in with battery	1	\$20,000	\$15,000	0	0	0	0
		Unknown	26	\$336,000	\$302,400	0	0	0	0
		<b>Subtotal</b>	<b>133</b>	<b>\$2,042,708</b>	<b>\$13,613,115</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>Undetermined</b>								
		Battery Only	38	\$2,105,700	\$666,725	5	0	0	0
		Hardwire Only	36	\$804,506	\$319,225	1	0	1	2
		Hardwire with battery	32	\$916,220	\$262,781	0	0	0	0
		Multiple detectors and power supplies	3	\$2,000	\$11,000	0	0	0	0
		Other	5	\$60,500	\$3,000	0	0	0	0
		Plug in	1	\$525	\$525	0	0	0	0
		Plug in with battery	2	\$100,500	\$75,500	0	0	0	0
		Unknown	402	\$14,371,926	\$3,668,858	6	0	14	4
		<b>Subtotal</b>	<b>519</b>	<b>\$18,361,877</b>	<b>\$5,007,614</b>	<b>12</b>	<b>0</b>	<b>15</b>	<b>6</b>
<b>2007</b>	<b>Total</b>		<b>3,840</b>	<b>\$114,784,939</b>	<b>\$46,815,132</b>	<b>45</b>	<b>0</b>	<b>128</b>	<b>25</b>
	<b>Grand Total</b>		<b>20,990</b>	<b>\$667,529,399</b>	<b>\$253,521,672</b>	<b>338</b>	<b>0</b>	<b>889</b>	<b>125</b>

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.